

SOBEK, Vojtech; HAVA, Milos; NECINA, Jiri

On the mechanism of action of penethamate hydroiodide (penes-
ter). Acta Univ. Carol. [med.] (Praha) 9 no.8:665-672 '63

1. Katedra farmakologie a experimentalni patologie fakulty dets-
keho lekarstvi University Karlovy v Praze (vychovatel: prof. dr.
H. Raskova, DrSc) a Vyzkumny ustav prirodnich lecu (reditel: dr.
PhDr. Z. Cekan).

L 13248-66 EWA(j)/EWA(b)-2 RO

ACC NR: AP600604

SOURCE CODE: CZ/0053/65/014/004/0294/0295

AUTHOR: Hava, M.

ORG: Research Institute of Natural Medicinal Substances, Prague (Vyzkumny ustav prirodnich leciv)

TITLE: Effects of anabolic steroids on the response of isolated seminal vesicles of guinea pigs to acetylcholine, epinephrine and norepinephrine [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 294-295

TOPIC TAGS: experiment animal, pharmacology, drug effect, nervous system drug, biologic reproduction

ABSTRACT: In isolated seminal vesicles from guinea pigs castrated 14 days previously, methyltestosterone 16 and 32 ug powerfully inhibited the effect of acetylcholine, less strongly epinephrine and norepinephrine; The effect on seminal vesicles of non-castrated animals was much less pronounced. Incubation of the vesicles with methandrostenolone significantly increased the reaction to acetylcholine, promising a possible tool for differentiation of anabolic from androgenic properties of steroids. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

L 13242-66 EWT(m)

ACC NR: AP6006048

SOURCE CODE: CZ/0053/65/014/004/0297/0297

AUTHOR: Jelinek, J. M.; Dienstbier, Z.; Hava, M. 26 B

ORG: Research Institute for Natural Medicinal Substances, Prague (Vyzkumny ustav prirodnich lecu); Biophysics Institute, Medical Faculty, Charles University, Prague (Biofysikalni ustav lek. fak. UK)

TITLE: Effect of ¹⁹19-nortestosterone phenylpropionate on the postirradiation syndrome and some stressful conditions in mice [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 297 55

TOPIC TAGS: mouse, endocrinology, radiation biologic effect, gland drug

ABSTRACT: 19-Nortestosterone phenylpropionate significantly lowered the survival of mice following 600 r irradiation under certain conditions; it did not have a nonspecific protective effect as found for methandrostenolone; no interaction with glucocorticoids. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 001

Card 1/1

L 13578-66

ACC NR: AP6006065

SOURCE CODE: CZ/0053/65/014/004/0305/0306

AUTHOR: Mikulaskova, J.; Brazda, O.; Hava, M. 27B

ORG: Research Institute for Natural Medicinal Substances and Second Stomatologic Clinic, Charles University, Prague (Vyzkumny ustav prirodnich lecu a II. Stomatologic klinika KU)

TITLE: Cause of reparative phenomena in dental marrow following administration of some anabolic steroids [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 305-306

TOPIC TAGS: biochemistry, endocrinology, pharmacology, drug effect, rat, experiment animal, dentistry

ABSTRACT: Study of the effect of methyltestosterone, 17 α -methyl-17 β -hydroxy-2-androstene, 17 β -hydroxy-2-androstene, 1 α -17 α -dimethyl-5 α -androstane-17 β -ol-3-one and 1,2 α -oxy-5 α -androstane-3,17-dione in rats; topical and systemic nandrolone phenylpropionate in rats and monkeys on artificial caries; formation of lamellae of predentine and secondary dentine was favorably affected, especially the latter. [JPRS]

SUB CODE: 06 / SUM DATE: none / OTH REF: 001

Card 1/1 HW

CZECHOSLOVAKIA

HELPERT, I.; HAVA, M.; Research Institute of Natural Drugs (Vyzkumny Ustav Prirodnich Leciv), Prague.

"On the Mechanism of Action of Methyltestosterone (MTS) on the Contraction of the Smooth Muscle."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 400

Abstract: The dampening of the effect of acetylcholine in causing the contraction of rat duodenum by the application of MTS is described. An equation expressing the influence of Ca ions on the effect of MTS is presented. Effect of MTS on an electrically stimulated duodenal contraction is described. 1 Czech reference. Submitted at 14 Days of Pharmacology at Smolenice, 15 Feb 66.

1/1

- 56 -

HAVA, O.

NOVOTNY, Jiri, MUDr; SEVCIK, Vojmir, MUDr; HAVA, Otokar, MUDr

Advantages and disadvantages of Fromme's paliative resection of
the stomach. Sborn. pathofysiol. trav. vyz. 8 no.4:215-221 Dec 54.

1. Chirurgicka klinika VLA.
(STOMACH, surgery,
resection, Fromme's paliative technic)

MACIK, Ivo, MUDr.; HAVA, Otakar, MUDr.

Experimental work on pinning of infected fractures. Rozhl.
chir. 35 no.6:359-362 June 56.

1. Chirurgická klinika VLA Hradec Králové.

(BONE AND BONES, fract.

exper., surg. pinning of infect. fract. in dogs (Cz))

EXCERPTA MEDICA Sec 16 Vol. 5/12 Cancer Dec. 57

4523. HÁVA O., HEROUT V. and MACÍK I. Chir. Klin. a Pathol. Anat. Ústav VLA JEvP, Hradec Králové. Pozdní metastasa sarkomu hilu ledvinného do plic 16 let po odstranění ledviny *Late pulmonary metastasis of sarcoma of the renal hilum 16 years following nephrectomy* Rozhl. Chir. 1957, 36/5 (297-299) Illus. 7

A 59-year-old man was operated upon for a solitary tumour of the lung. Histologically the tumour had the same structure as that of a renal leiomyosarcoma which had necessitated extirpation of a kidney in 1939. The patient had been symptom-free during the entire period in between.

MRAZ, M.; TINEK, L.; HAVA, O.

Comparison of the effect of several substances on experimental shock.
Acta chir. orthop. traum. cech. 25 no.2:142-149 Apr 58.

1. Farmakologicky ustav fak, vseobecneho lekarstvi KU v Praze. Katedra
vazecne chirurgie VIA, Hradec Kralove.

(SHOCK, exper.

eff. of chlorpromazine, dihydroergotoxin, pentamethorium &
promethazine in rats (Cz))

(ERGOT ALKALOIDS, eff.

dihydroergotoxin on exper. shock in rats (Cz))

(METHONIUM COMPOUNDS, eff.

pentamethorium on exper. shock in rats (Cz))

(CHLORPROMAZINE, eff.

on exper. shock in rats (Cz))

(PROMETHAZINE, eff.

same)

HAVA, Otakar; MACIK, Ivo; NAVRATIL, P.

Strangulated internal hernia. Rozhl. chir. 34 no.2:125-128 P '60.

1. Chirurgická klinika KU v Hradci Králové.
(HERNIA compl.)

CHARVAT, A.; HAVA, O.; TRISKA, J.; MIKULASKOVA, J.

Study of pyelonephritis of surgical origin and possibilities of its alteration by anabolites. Rozhl. chir. 43 no.3:148-151 Mr'64.

1. Chirurgická klinika fakulty dětského lékařství KU v Praze, (prednosta: doc.dr. Zdr. Vahala) ; Bakteriologický ústav fakulty všeobecného lékařství KU v Praze (prednosta: prof.dr. F.Patocka) a Vědecký ústav přírodních léčiv v Praze (prednosta MUDr.M.Hava, CSc.

*

CERNOCH, Zdenek; HAVA, Otakar; PINSKER, Premysl

Roentgen-diagnosis of parathyroid adenomas by means of pneumo-mediastinography and peristumography. Cas.lek.cesk 99 no.29: 919-920 15 J1'60.

1. Radiologicka, chirurgicka a I. interni klinika LF KU, Hradec Kralove.

(ADENOMA radiog)
(PARATHYROID GLANDS neopl)
(PNEUMOMEDIASTINUM)

HAVA, Otakar

Dermoid and bronchogenic cystic tumors of the mediastinum. Rozhl. chir.
40 no.7:468-473 JI '61.

1. Chirurgická klinika v Hradci Kralove, prednosta prof. MUDr.
J. Prochazka.

(MEDIASTINUM neoplasms) (TERATOID TUMOR case reports)
(CARCINOMA BRONCHOGENIC case reports)

CSABA, Bela; SZILAGYI, Tibor; HAVAI, Maria; SZATAI, Imre; TOTH, Ferenc

Effect of roentgen rays on anaphylactic shock in guinea pigs.
Kiserletes orvostud. 13 no.3:274-281 Je '61.

1. Debreceni Orvostudományi Egyetem Korelettani Intézete és az
I. sz. Sebészeti Klinika Röntgen Osztálya.

(ALLERGY exper) (RADIATION EFFECTS exper)

HAVAS, Bela

Economy of electric power utilization in comparison with other energy carriers. Ipari energia 3 no.4:69-73 Ap '62.

1. Orszagos Villamosenergia Felugyelet igazgatoja.

HAVAS, Bela

Electrification, power economy. Mezogazd techn 3 no.12:30 '63.

HAVAS, Bela

Electrification; power economy. Mezogazd techn 4 no.1:30-31'64

HAVAS, Bela, okleveles gepeszmernok

The "Code of investments" and the electric power economy. Elektro-
technika 56 no.10:421-427 0 '63.

1. Orszagos Villamosenergia Felugyelolet igazgatoja, Budapest,I.,
Attila u.99.

HAVAL, Eduard

Research on the pathogenesis of retinal detachment. Cas. oft. 15 no.2:
229-232 June 59.

1. OUNZ v Hradci Kralove.
(RETINAL DETACHMENT, etiol. & pathogen.
statist. (Cz))

L 13740-65 EFR/EWP(b) Ps-4/P1d JD/HW/JG
ACCESSION NR: AP4044393

Z/0065/64/000/004/0333/0343

AUTHOR: Duhaj, Pavel (Duknay, Pavel); Havalda, Andrej (Cavalda, Andrey) B

TITLE: Equilibrium diagram of the Ni-Cr-Ti-Al system at 850C

SOURCE: Kovove materialy, no. 4, 1964, ^{27, 27, 27, 27}333-343

TOPIC TAGS: nickel base alloy, quaternary nickel base alloy, nickel chromium titanium alloy, aluminum containing alloy, chromium containing alloy, titanium containing alloy

ABSTRACT: The phase composition at 850C of 69 Ni-base alloys of the Ni-Al-Ti-Cr system, containing 1—21.5 at% Cr, 0.5—21.0 at% Ti, and 0.5—20.0 at% Al, have been studied by the x-ray diffraction method and optical and electron microscopy. The isothermal (at 850C) section of the Ni₃Cr-Ni₃Ti-Ni₃Al phase diagram has been plotted on the basis of the results obtained (see Fig. 1 of the Enclosure). It was established that in Ti-rich alloys, which, according to their composition, fall into the two-phase $\gamma + \eta$ region, the stable hexagonal phase η is formed from the metastable fcc phase γ' . The rate of the

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ACCESSION NR: AP4044393

γ' to η transformation depends strongly upon the Al content, which retards the transformation. It can be assumed that with prolonged annealing, the two-phase $\gamma + \gamma'$ region will be gradually reduced, while the two-phase $\gamma + \eta$ region and the three-phase $\gamma + \gamma' + \eta$ region will be expanded. The isothermal section plotted should be considered as only approximate, since no perfect equilibrium was attained even after 1000-hr annealing. Orig. art. has: 13 figures and 4 tables.

ASSOCIATION: CSAV, Laboratorium fyziky kovov SAV, Bratislava (Laboratory of Metal Physics, SAV)

SUBMITTED: 03Feb64

ENCL: 01

SUB CODE: MM

NO REF SOV: 002

OTHER: 011

ATD PRESS: 3132

Card 2/3

L 13740-65

ACCESSION NR: AP4044393

ENCLOSURE: 01

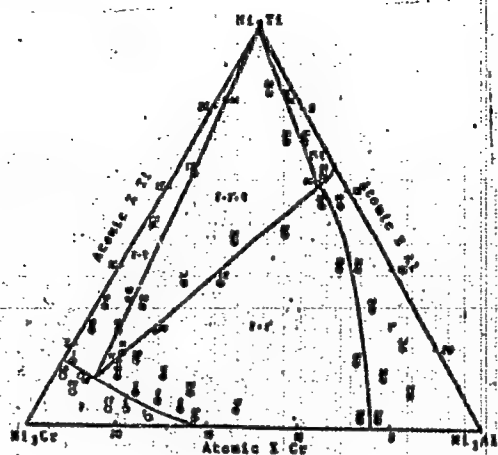


Fig. 1. Isothermal section of $\text{Ni}_3\text{Cr}-\text{Ni}_3\text{Ti}-\text{Ni}_3\text{Al}$ phase diagram at 850C;

Card 3/3

HAVALDA, A.

Electric arc as a source of heat and its effect on base metal, p. 161,
AVARANIE, (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo
strojarstvo) Bratislava, Vol. 3, No. 6, June 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

Foundations of the theory of heat propagation in the case of welding during automatic welding. p. 341. STANISLAV LEBEDEV. (Slovenské akademie vied) Bratislava. Vol. 4, no. 3, 1955.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

MAVALON, Andrei

✓ 2817* Basic Principles of Heat Propagation in the Welded
Joint. Základy teórie šírenia sa tepla v okolí svaru. (Slovak.)
MG Andrei Mavalon, Zvarenie, v. 4, no. 7, July 1955, p. 215-218.
Characteristics of the electric arc as a source of heat; calculation
of heat in a certain point of a stationary field. Graphs, 3 ref.

DX

HAVALDA, ANDREJ

14690* Some Methods of Following Heat Transformations in the Zone of Automatic Submerged-Arc Welds. Niektore sposoby sledovania tepelnych procesov v okoli svaru pri automatickom zvarani pod tavidlom. (Slovak.) Andrej Havald. Zdranie, v. 4, no. 8, Aug. 1955, p. 226-231. AG

Advantages and disadvantages of various methods of measuring temperatures in welds and adjacent zones. Description of method comprising rotating contactor connecting an oscillograph with individual thermocouples. Photographs, diagrams, graphs.

of

412441* INDEX

2

412441* (Slovak.) Investigation of the Temperature Fields in
Open-Arc Welding. Výskum tepelných polí pri svárnutí
odkrytým oblúkom. Andrej Havalda. Zborník, v. 6, Apr. 1957, p. 87-102.

Experimental results in studying temperature kinetics in arc
welding and investigation of the individual temperature fields
under various technical conditions; effects of some welding
parameters on the general temperature of the process.

RG 0006

NAVAIDA, A.

18
11
7
1-4E3d
The Use of Diagrams of the Isothermal Decomposition of Austenite in Studies of the Thermal Kinetics of Transformation. A. Navaida. (Zetronik, 1957, 6, 15), 103-106. In Russian. Time-temperature-composition diagrams were constructed for a range of cooling rates important in practical working of two steels containing 0.97% and 0.74% C, respectively, and various small amounts of Ni, Cu, Mo, etc. The use of such diagrams in practice is explained. -- R. F.

HAVALDA, A.

Observing speed of cooling during welding and the application of its results to the anizothermal decay of austenite.

P. 239 (Zvaracsky Sbornik) Vol. 6, No. 2, 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL 7, NO. 1, JAN. 1958

^L
HAVANDA, A.

Investigation of temperature fields in open-arc welding. p.97.
(Zvaranie, Vol. 6, No. 4, Apr. 1957, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

NAVALIA, A.

Some new welding equipment in the USSR.

P. 330. (ZVARANIE.) (Bratislava, Czechoslovakia) Vol. 6, No. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

HAVALDA, A.

Contribution to the study of thermal balance-sheet during electric welding.
p. 434.

ZVARACSKY SBORNIK. (Slovenska adademic vied) Bratislava, Czechoslovakia.
Vol. 8, no. 4, 1959

Monthly list of East European Accessions (EEAI), LC Vol. 9, no. 2, Feb. 1960

Uncl.

PHASE I BOOK EXPLOITATION

SLOVAK/4852

Havalda, Andrej, Engineer, Candidate of Technical Sciences

~~Tepelna kinetika pri zvarani elektrickým oblúkom~~ (Thermal Kinetics in Electric-Arc Welding) Bratislava, Slovenské vydavateľstvo technickej literatury, and Prague, Statni nakladatelství technické literatury, 1960. 201 p. (Series: Knižnica výskumného ústavu zvaračského) 1,000 copies printed.

Reviewers: Antonín Beněš, Doctor, Engineer, Professor, Doctor of Technical Sciences; Július Lombardini, Engineer, Candidate of Technical Sciences; Resp. Ed.: Pavol Pálffy, Engineer; Chief Ed.: Pavol Holéczy, Engineer; Tech. Ed.: Michal Kočvara.

PURPOSE: This book is intended for process engineers, research workers and students specializing in welding.

COVERAGE: The author discusses problems of thermal processes in electric-arc welding. The arc is treated as a source of heat, and thermodynamical equations for heat propagation through the area surrounding the weld are derived. Theoretical and experimental data on this subject are summarized.

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Thermal Kinetics in Electric-Arc Welding

SLOVAK/4852

Also shown is the possibility of determining a suitable welding regime for a given steel by using diagrams for anisothermal decomposition of austenite in the low- and medium-alloyed steels. The author thanks the following persons for their help: J. Čabelka, Academician; Josef Dittl, Docent at VST (School of Higher Technical Education) in Liberec; Ján Gal, Doctor, Department of Physics at SVST (Slovak School of Higher Technical Education) in Bratislava; Vladimír Krivánek, Doctor of Technical Sciences at SVST in Bratislava; Jura Sedlák, Docent, Engineer, Candidate of Technical Sciences at SVST in Bratislava; Karel Mazanec, Engineer, Candidate of Technical Sciences at VZKG (Vitkovice Steel Mills, Klement Gottwald) the prominent mathematician Vitázek, Mathematical Department CSAV (Czechoslovak Academy of Sciences) in Prague; Ladislav Mišík, Department of Mathematics SVST, in Bratislava; P. Duhač, Engineer; A. Schweighofer, Engineer; J. Mauer and D. Lošák. There are 47 references: 14 Slovak, 10 Soviet, 8 English, 8 Czech, and 7 German.

TABLE OF CONTENTS: [Condensed]

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Ch. II. Basic Thermal Relationships	13

~~Card 2/6~~

G/014/62/000/004/003/006
D030/D109

AUTHORS: Králik, F., Doctor, Duhaj, P., Engineer, Havalda, A., Engineer, Schweighofer, A., Engineer, and Opravil, O., Engineer (Bratislava)

TITLE: The stability problem of the structure of 16/13/Nb-chrome-nickel steel butt-welded according to the gas-welding method

PERIODICAL: Schweissttechnik, no. 4, 1962, 185-186

TEXT: The increased application of austenitic steels in the chemical industry and in thermal power plants continuously demands higher specifications for reliable weldability, permanent heat resistance and corrosion resistance. Studies of the phase conversions in the heat-affected zone of an austenitic steel during the welding process or heat treatment are of great importance. Comprehensive tests, particularly on the basis of thermal cycles, showed that cracks are caused by the combined effect of a number of factors, e.g.: liquid film around the grain boundaries, inner stress, formation of micro-cracks during cooling, hot- and cold-shortness, generation of a new phase in the local formation of a eutectic, etc. The σ -phase and form and distribution of niobium carbides also have a considerable influence on the resulting properties.

Card 1/1

35023
Z/046/62/000/001/004/007
D007/D102

1.2300

AUTHORS: Králik, F., Doctor; Duhaj, P., Engineer; Havalda, A., Engineer,
Candidate of Sciences; Schweighofer, A., Engineer; and Opravil O.,
Engineer

TITLE: The problem of structural stability of 16/13 Nb austenitic steel
in resistance flash butt welding

PERIODICAL: Zváračský sborník, ^{//}no. 1, 1962, 80-104

TEXT: Some mechanical properties and structural changes in the heat-
affected zone of Type 16-13Nb steel at resistance flash butt welding were studied
to resolve controversial interpretations regarding the causes of cracking in the
weld area of this steel type. A thermal-cycle simulator with programable heat-
treatment of test specimens was built for this purpose at the Laboratorium fyziky
kovov SAV (Laboratory of Metal Physics, Slovak AS). In the test program, three
thermal cycles were simulated with the following respective maximum temperatures:
 $T_{\min}=900^{\circ}\text{C}$; $T_{\text{inter}}=1100^{\circ}\text{C}$; and $T_{\max}=1300^{\circ}\text{C}$. The influence of these cycles on the

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The problem of structural ...

Z/046/62/000/001/004/007
D007/D102

structural stability of the investigated steel was determined by: Optical and electron microscopy; X-ray and electron diffraction; microchemical analysis and spot X-ray spectral analysis; and magnetometric analysis. From the results obtained, it is concluded that the final mechanical properties of the steel are greatly influenced not only by the sigma phase, but also by the morphology and distribution of niobium carbide. However, the cause of the cohesion loss along the grain boundaries cannot be explained merely by the observed phase transformations, as proposed by Moore and Griffith [Journal Iron Steel Inst. 197, 1961, 1, 29-39], but is rather attributable to the combined effects of various factors, such as liquid film along the grain boundaries; internal stresses; formation of microcracks upon cooling; hot and cold brittleness; formation of a new phase; local formation of niobium eutecticum; etc., as suggested by Heuschkel [Welding Journal 35, 1956, 12, 569-581]. There are 34 figures and 3 tables. X

ASSOCIATIONS: SAV Bratislava; VUZ Bratislava

Card 2/2

HAVALDA, A., inz. C.Sc.; DUHAJ, P., inz.

Structural changes in the welding joints of materials controlled
by the Czechoslovak standard 13 030. Zvar sbor 11 no.3:327-337
'62.

1. Laboratorium fyziky kovov, Slovenska akademia vied, Bratislava.

HVALDA, Andrej, inz., C.Sc.

Imitation of thermic cycles. Tech prace 14 no.7:523-525 J1
'62.

1. Laboratorium fyziky kovov, Slovenska akademia vied,
Bratislava.

HAVALDA, J.

"Electric driven vessel." p. 83.

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 7, No. 2, 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

L 40339-66 EWT(m)/EMF(e) WH/WW

ACC NR: AP6007523

(A)

SOURCE CODE: UR/0419/65/000/002/0046/0651

AUTHOR: Kitayharodski, I. I. (Deceased); Kuz'myankow, M. I.; Havarushka, Z. I.;
Zhunina, L. A.; Yahlow, V. M.

49

48

B

ORG: None

TITLE: Mechanism responsible for conversion of glass to pyroceramic in members of the isomorphic series of the $\text{CaO-MgO-SiO}_2 + (\text{R}_2\text{O}; \text{R}_2\text{O}_3)$ system

SOURCE: AN BSSR. Vestsi. Seryya khimichnykh navuk , no. 2, 1965, 46-51

TOPIC TAGS: silicate glass, solid solution, calcium compound, mangesium compound, ceramic material, pyroceramic

ABSTRACT: A method is proposed for using plentiful minerals as raw materials for production of economic pyroceramics with a pyroxene composition and excellent physical, mechanical, thermal and anticorrosion properties. The phase diagram of the CaO-MgO-SiO_2 system is used as a base with addition (above 100 wt.%) of R_2O and R_2O_3 in the form of Na_2O , Al_2O_3 and Fe_2O_3 . This ternary system has a pyroxene field containing a continuous series of diopside-enstatite solid solutions. There is a good basis for assuming that a continuous isomorphic series passes through the entire system. This is important from the standpoint of synthesizing pyroceramics based on multicomponent raw materials (e. g. clay) since all components appearing in the original raw material

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ACC NR: AP6007523

enter the crystalline structure of the pyroxene solid solution during conversion of the glass to pyroceramic in the isomorphic series. The glass was founded in 1-liter quartz crucibles in a gas furnace at a maximum temperature of 1450-1470°C. The optimum compositions were founded in 25-kg crucibles. The experimental specimens were subjected to gradient crystallization and heat treatment under various conditions (2, 4 and 6 hours at 600-1000°C). The pyroceramic products are subjected to comprehensive x-ray, electron microscope, petrographic and extraction analysis. The results show that pyroceramic conversion of pyroxene glass, synthesized from nonmetallic raw materials is a continuously variable process. Continuous interaction between the structural complexes in the glass during heat treatment results in a pyroxene phase of variable composition. Thermograms of the glass are given. Orig. art. has: 3 figures

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 013/ OTH REF: 001

Card 2/2

MEDICINE

DECEASED

see ILC

Mr. F. J. ...

Re: ... For Future Investments. Constr Buc 16 no.768:1
26 Sep '64

1. Technical Deputy Director, Office of Systematization, Architecture, and Construction Projects, R.M.A.M.

HAVAS, Bela

Coordination in power economy. Ipari energia 1 no.1/4:32-36
Jl-O '50.

1. Cszagos Villamosenergia Felugyelet igazgatoja.

HAVAS, Bela

Technical development of the power economy. Villamosag 12
no.11:321-328 N '64.

1. Editorial board member, "Villamosag."

HAVAS, Bela, foszakerto

Tasks of energeticists in power economy. Energia es atom 17 no. 8:
345-351 Ag '64.

1. Institute of Power Economy, Budapest, and Editorial board
member, "Energia es Atomtechnika."

HAVAS, Béla

B. T. R.
Vol. 3 No. 4
Apr. 1954
Electrical Engineering

4788* Management of Electric Power in Metallurgy.
(Hungarian.) Béla Havas. *Kalásztati Lapok*, v. 8, no. 12, Dec.
1953, p. 280-283.
Formulates and discusses basic principles for an economical
management of electric power. Describes optimum exploitation
of power plants, proper application of power, and continuous
production. Tables.

HAVAS, P.

"The present situation and future economy in industrial electric power" p. 4,
(ELEKTROTECHNIKA, Vol. 46, no. 1, Jan. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions. I.C., Vol. 2, No. 11, Nov. 1953, Uncl.

HAVAS, B.

"Aims and Prospects of Electric Power Consumption According to the Timetable", P. 245, (MAGYAR ENERGIAGAZDASG, Vol. 7, No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

HAVAS, E.

"Power economy." Elektrotechnika, Budapest, Vol. 47, No. 5, May 1954, p. 129.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

HAVAS, B.

Let us rationalize the consumption of electric power! p. 33.
Vol. 4, no. 2, 1956. VILLAMOSSAG, Budapest. Hungary.

SOURCE: East European List, (EEAL) Library of Congress. Vol. 6, no. 1,
January, 1956.

HAVAS, B

HAVAS, B. - Electric-power norms. (Conclusion) p. 129.
Vol. 4, no. 5, May 1956
VILLAMOSSYAG (Magyar Elektrotechnikai Egyesulet)

SOURCE: East European Accessions List (EEAL) Vol. 6, No.4--April 1957

Havas, B.

New tasks for the electric-power economy. p.131

VILLAMOSSAGE. (Magyar Elektrotechnikai Egyesulet)
Budapest, Hungary. Vol.7, no.5, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

HAVAS, Bela

Rationalization and electric power economy. Villamosság 3
no.2-3:33-41 F-Mr '60.

1. Országos Villamosenergia-Felügyelet; "Villamosság" szerkesztő
bizottsági tagja.

HAVAS, Bela

Electric power supply and operation in agriculture. Villamossag
8 no. 5/6:146-153 My-Je '60.

1. Orszagos Villamosenergia Felugyelet, es "Villamossag" szerkeszto
bizottsagi tagja.

HAVAS, Bela

The 60-year-old Hungarian Society for Electrical Engineering.
"Villamossag" 8 no.10:289-290 0 '60.

1. "Villamossag" szerkeszto bizottsagi tagja.

HAVAS, Bela

The most important problems of technical development of the electric power economy and tasks for the industry related to this. Villamosag 9 no.1/3:23-31 Ja-Mr '61.

1. Az Orszagos Villamosenergia Felugyelet igazgatoja.

HAVAS, Bela

The future of power economy. Villamosag 9 no.11:323-330 N
'61.

1. Az Orszagos Villamosenergia Felugyslet igazgatoja

HAVAS, Bela

Some economical problems in the use of electrical heat. Villamossag
10 no.4:97-100 Ap '62.

1. Az Orszagos Villamosenergia Felugyelet igazgatoja.

HAVAS, Bela

Current questions of electric power economy.· Elektrotechnika 55 no.12:
529-537 D '62.

1. Orszagos Villamosenergia Felugyelet.

HAVAS, Bela

Electric power economy as reflected in general power economy.
Villamosag 11 no.1:1-7 Ja '63.

1. Orszagos Villamosenergia Felugyelet, es "Villamosag" szer-
keszto bizottsagi tagja.

HAVAS, Bela

Tasks of electrically and power supply in agriculture. Villamossag
ll no.8:225-232 Ag '63.

1. Orszagos Villamosenergia Felugyelet; "Villamossag" szerkeszto
bizottsagi tagja.

HAVAS, Bela

future of electric heat engineering, Villamosag 12 no.5:129-133
by '64.

1. editorial board member, "Villamosag."

HAVAS, Bela

Role of the power engineer in power economy. Villamossag 12
no.6:170-176 Je '64.

1. Editorial board member, "Villamossag."

[illegible]

HAVAS, E.

"Production of Gelatin From by-Products of Slaughterhouses," p. 333. (Elemezesi
Ipar. Vol. 5, no. 11. Nov. 1951. Budapest.)

Vol. 3, No. 6.

SO: Monthly List of East European Accessions./Library of Congress, June 1954, Uncl.

HAVAS, Endrene

"Flavor research and food acceptance." Reviewed by E. Havas.
Elelm ipar 14:160 5 My '60.

KISZEL, Jozsefne, dr.; HAVAS, Endrene; GELLERT, Katalin

Investigation of factors affecting green peas and the
separation of starch. Konzerv paprika no.1:12-22 Ja-F '63.

1. Konzerv- es Paprikaipari Kutato Intezet.

HAVAS, G.

"Activities and achievements of the Institute for Chemical and
Pharmaceutical Research."

p. 563 (Revista De Chimie) Vol. 6, no. 9, Sept. 1957
Bucharest, Rumania

So: Monthly Index of East European Accessions (MEAI) LC. Vol. 7, no. 4,
April 1958

RUMANIA / Chemical Technology, Chemical Products and Their
Application: Pharmaceuticals. Vitamins. Antibiotics.

H-17

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16474

Author : Havas, G.

Inst : Not given

Title : New Synthetic Drugs Prepared at the Institute of
Chemico-Pharmaceutical Research

Orig Pub : Farmacia (Romin), 1957, 6, No 6, 557-562

Abstract : New synthetic local anesthetics were prepared: A.L.U.
(local anesthetic, universal) N-methyl-3-benzoyl-4,4-
oxyphenyl-piperidin, with the effective action of 48 hours,
with a toxicity equal to that of novocaine, administered
intramuscularly and under the skin when employed for
surgery. "Xylocaine"-chlorohydrate N-(diethylaminoacetyl)-
vic-m-xylydine has a rapid anesthetic action. The duration
of its effectiveness depends on the concentration and the

Card 1/3

APPROVED FOR RELEASE: 09/19/2001

RUMANIA / Chemical Technology, Chemical Products and Their
Application: Pharmaceuticals. Vitamins. Antibiotics.

H-17

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16474

volume used, thus varying from a few minutes to several
hours. Its anesthetic characteristic is twice as strong
as that of novocaine, and its action is felt considerably
sooner after application. This drug causes no side
reactions and, therefore, is employed for all sorts of
clinical anesthetic cases; it could even replace cocaine.
Antithyroid preparations - thiazole (1-methyl-2-mercap-
toimidazol with 143-146° melting point). In its
antithyroidal action it exceeds that of methylthiouacyl
by a factor of ten. It is the most powerful drug
known at the present time. Analgetic and fat-reducing
agents - phenylbutazone, 1,2-diphenyl-4-n-butylpyrozo-
lidinedione-3,5, with the action similar to pyromidone.
Tranquilizers - diethyl-amineethylbenzilate hydrochloride,
with 176-177° melting point. Physical properties, formulas,

Card 2/3

H - 46

Rumania/Chemical Technology. Chemical Products and Their Application -- Leather. Fur. Gelatin. Tanning agents. Technical proteins, I-29

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6831

Author: Havas, Gheorghe

Institution: None

Title: Dyestuffs in the Leather Industry

Original

Publication: Rev. Ministerului ind. usoare, 1953, No 1, 24-30

Abstract: No abstract

Card 1/1

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617920004-2

RUMENI/Chemical Technology. Chemical Products and Their Applications. Leather. Fur. Gelatin. Tanning Materials. Industrial Proteins.

11

Abs Jour: Ref Zhur-Khim., No 6, 1959, 29935.

Author : Havas, G., Minculescu, A., and Hacker, M.

Inst

Title : The Dressing of Chrome-Tanned Stock.

Orig Pub: II-a Conf Tehn-Stiint a Ind Usoare Piele, Cauciuc, Sticla (Ducuresti), SIT, 70-80 (1957) (in Romanian)

Abstract: The authors have investigated various methods used for the dressing of chrome-tanned stock in order to determine optimum conditions for the lining, pickling, tanning, neutralization, retanning, and finishing of the stock. The possibility of the utilization of

Card : 1/2

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-35
Application. Leather, Fur, Gelatin. Tanning
Materials. Industrial Proteins.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17993

is the product of condensation of phenolsulfone, dissolved in beta-naphtholsulfonic acid. Leather, tanned with BD syntan is resilient. This grade is suitable for tanning leather of medium resistance. Romatan CL is the product of condensation of liginosulfonic acid with cresol sulfonic acid and phenol. Leather tanned with this syntan is pliable, rich, and is good to the touch. Because of this the CL grade is suitable for the production of yufts, saddle and harness leather. Romatan RL is the product derived from phenolformaldehyde resin and of dispersed and partially demethylated and di-sulfonated liginosulfonic acid. Leather tanned with RL grade have properties approaching those tanned with the "kverbrach's extracts". Romatan BCF also possess an

Card 2/3

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-35
APPROVED FOR RELEASE 09/19/2001 Fur, CIA-RDP86-00513R000617920004-2
Materials. Industrial Proteins.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17993

ability of dispersing precipitates in tanning liquors. --
M. Lyuksemburg

Card 3/3

H - 176

HAVAS, Gheorghe, ing., Laureat al Premiului de Stat; MINCULESCU, Aristotel, ing.
SIDON, Andrei, Laureat al Premiului de Stat

Elaboration of a technological process for the production
of box calf with rectified right side by means of bovine
leather over 25 kg. Industria Usoara 8 no.2:42-46 F '61.

HAVAS; Gh.

SURNAME, Given Names

Country: Rumania

Academic Degrees: -Chemist-

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No. 7, Jul 1961, pp 385-396.

Data: "The Evolution of Research Work in the Institute for Chemico-
Pharmaceutical Research."

GPO 981643

HAVAS, G.

SSB; the pressure on the side band.

P. 175 (RADIOTFONIKA) Budapest, Hungary Vol. 7, No. 6, Aug. 1957.

SO: Monthly Index of East European Accessions (AFPI) Vol. 6, No. 11 November 1957.

HAVAS, Gy.

N B F M; Narrow-band Frequency Modulation. p. 85. (Radiotechnika, Vol. 7, No. 3, May 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAI) LC, Vol. 6, No. 8, Aug 1957. Uncl.

HAVA., GY.

SSE; amplitude modulation with single side band.

P. 113 (RADIOTECHNIKA) Budapest, Hungary Vol. 7, No. 1, Mar. 1957.

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957.

HAVAS, Gyorgy

Stereophonic broadcasting and possibilities for its realization in Hungary. Hir techn 15 no. 5: 129-137 My '64.

1. Budapest Radio Engineering Factory.

KAROLYHAZY, G.:HAVAS, I.:JANCSO, G.:KAPAS, L.:SELLEI, C.

The anticarcinogenic effect of dimethylamino-acetyl-phentiazide
(ahistan) Kiserletes orvostud. 4 no. 4:260-262 Aug 1952. (CLML 23:5)

1. Doctor for Sellei. 2. Second Internal Clinic, Budapest Medical
University.

ECKHARDT, S.:KAPAS, L.:HAVAS, I.

Immunity experiments on Guerin's tumor in rat. Kiserletes orvostud.
4 no. 5:321-325 Oct 1952. (CML 23:5)

1. Second Internal Clinic, Budapest Medical University.

HAVAS I. Dr.

FRIEDRICH, Laszlo, Dr.; HAVAS, Istvan, Dr.

The ulcer problem in Hungary. ~~Hepageszsegugy~~ 39 no.1-2:26-30 Jan-Feb 58.

1. Közlemény a Budapest főváros Tanácsa V. B. Balassa János Kórháza belgyógyászati osztályáról (főorvos: Friedrich László dr. az orvostudományok kandidátusa) és a Hajógyár belgyógyászati szakrendeléséről (főorvos: Havas István dr.)

(PEPTIC ULCER, epidemiol.

in Hungary, econ. & soc. aspects (Hun))

HAVAS, Istvan

Innovation conference jointly arranged with an innovation
exhibition at the Long-Distance Telephone Directorate, October
2. Ujit lap 14 no.21:23 10 N '62.

VEKASSY, Alajos, dr.; HAVAS, Ivonne; LAZAR, Karoly

Manufacturing inaccuracies of fine stocking knitters as
causes for yarn defects. Magy textil 17 no.3:131-134 Mr '65.

1. Budapest Technical University.

HAVAS, Ivonne, tanarseged; LAZAR, Karoly, tanarseged

Technological aspects of the quality reducing possibilities
of stocking machines. Magy textil 16 no. 3:104-113 Mr '64.

1. Budapest Technical University.

HAVAS, Istvan

"Postai Ujitasok." Reviewed by Istvan Havas. Ujit lap 16 no.24-27
25 D '64.

1. Secretary, Central Council on Innovation of the Hungarian Post,
Budapest.

HAVAS, Ivanne, tanarseged; LAZAR, Karoly, tanarseged

Vibration test of warp knitting machines. Magyar Textil 16 no.8:
351-358 Ag '64.

1. Chair of Textile Technology and Light Industry, Budapest
Technical University.

Havas, J.

Problems of mechanization of man-power requirements. p. 22.

EPITESUGYI SZEMLE. Budapest, Hungary. No. 1, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

HAVAS, Jeno

The First Technical Development Conference under the auspices of
the Communist Youth League. Magy kem lap 20 no.4:221 Ap '65.

L 63682-65

ACCESSION NR: AT5021761

HU/2502/64/041/01-/0239/0255

AUTHOR: Pungor, Ernos (Doctor)(Veszprem); Havas, Jeno(Veszprem); Toth, Klara (Veszprem)

TITLE: Membranes of heterogeneous structure for the determination of the activity of anions. Part 1

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 41, no. 1-2, 1964, 239-255

TOPIC TAGS: anion, ion, silicone, rubber, electrode

ABSTRACT: The behavior of silicone rubber membrane electrodes and their applicability for the determination of several anions was investigated. Membranes of this type proved to be suitable for the selective measurement of the amount of sulfate, iodide, and chloride ions under the conditions employed. The interfering effect of certain anions was discussed. Orig. art. has: 12 tables, 2 formulas.

Card 1/2

L 63682-65

ACCESSION NR: AT5021761

ASSOCIATION: Department of Analytical Chemistry, University of Chemical Industry,
Veszprem

SUBMITTED: 28Feb64

ENCL: 00

SUB CODE: CC, IC

NR REF SOV: 000

OTHER: 004

JPRS:

llc
Card 2/2

POKO, Zoltan; SZABO, Elek; HAVAS, Jenc

Quantitative determination of uranium by radiometric method. Koz
fiz kozl MTA 12 no.1:101-110. '64.

PUNGOR, Erno, prof., dr. (Veszprem, Schonherz Zoltan u.); HAVAS, Jenő (Veszprem, Schonherz Zoltan u.); TOTH, Klara (Mias) (Veszprem, Schonherz Zoltan u.)

Membranes of heterogeneous structure for the determination of the activity of anions. Pt.1. Acta chimica Hung 41 no.1/2: 239-255 '64.

1. Department of Analytical Chemistry, Chemical Industry University, Veszprem.

HAVAS, Judit, a muszaki tudományok kandidátusa

Organization of the block building method. Magyar építészeti 10 no.2:76-80
'61.

HAVAS, Judit, a muszaki tudományok kandidátusa

Some questions relating to the technical development of the building materials industry. Építés szemle 6 no.2:33-36 '62.

1. Építésügyi Minisztérium Műszaki Fejlesztési Főosztályának főmérnöke.

HAVAS, Laszlo

Help given to technical development by innovators in the Factory of
Electric Apparatuses and Measuring Instruments, Ujit lap 13 no.3:20
F '61.

1. Az Elektromos Keszulekek es Meromuszerek Gyara fotechnologusa.

(Hungary—Industrial management)

(Hungary—Electric apparatus and appliances)

HAVAS, Laszlo

How do innovators help technological progress in the Factory of
Electric Appliances and Measuring Instruments. Ujit lap 13 no.3:21
F '61.

1. Elektromos Keszulekek es Meromuszerek Gyara fotechnologusa.

(Hungary—Electric apparatus and appliances)

(Hungary—Measuring instruments)

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
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<p>HH/45, L.S.</p> <p>CA</p> <p>11D</p> <p>Parthenocarp and accompanying hormonal syndromes induced by unrelated chemicals. Laszlo J. Havas (Hungarian Agr. Univ., Budapest). <i>Nature</i> 157, 620 (1946) (cf. Sassi, C.A. 33, 1009).—The effects of colchicine (I), acenaphthene (II), and ethyl mercury phosphate (III) in the form of 'Ceresan' were compared by using seeds of the cucumber (var. Danish mustard). Both II and III exerted toxic effects under the conditions of the expt. All of the fruits (29) remaining in the III series (after an attack of mildew) and 18 of 25 in the II series were parthenocarpic. Of 46 tomatoes (var. Lucullus) treated with I, all were parthenocarpic, but none of 28 controls was affected. Taken together the findings confirm the previous suggestion of H. that there is essentially a common mechanism at work, namely, a disturbance of the vertical polarity of translocation of endogenous hormones and of the hyper-compensations resulting therefrom. Leonard Karel</p>																																																			
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1ST AND 2ND ORDERS		PROCESSES AND PROPERTIES INDEX	
<p>HAVAS, L. J.</p> <p>Ca</p>		<p>111</p>	
<p>Effects of colchicine and other plant constituents on blood coagulation and of thrombokinet agents and anti-coagulants on plants. L. J. Havas (Hungarian Inst. Biol. Research, Tihany). <i>Experientia</i> 4, 60-72(1948)(in English).—The mechanism of action of colchicine is similar to that of thrombin in plants and animals. Thrombin and vitamin K react synergistically with colchicine as oncogenic agents. <i>Viscum</i> and heparin counteract this oncogenic action. Heteroauxin also possesses oncogenic and polyploidogenic properties but is antagonistic to colchicine.</p> <p>William M. McCord</p>			
<p>ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>		<p>6-2</p>	

PROCESSES AND PROPERTIES INDEX																									
LAT AND LONG (DDMM)													IND AND CTR (DDMM)												
<p>HAHVO, L.S.</p> <p>Hormone-mimetic and other responses of the silkworm (<i>Bombyx mori</i>) to some polyploidogenic agents. L. J. Hahvo and J. Kahan (Hungarian Biol. Research Inst., Tihany). <i>Nature</i> 161, 570-1(1948).--Expts. were carried out with colchicine, acenaphthene, and podophyllin on bivoltinized eggs, freshly laid eggs, and on recently hatched larvae. Colchicine at 1:2000 stimulated the hatching of eggs but inhibited hatching at 1:5000. Podophyllin had opposite effects. Acenaphthene either inhibited entirely the emergence of larvae from bivoltinized eggs or had no effect. Larvae treated with colchicine at 1:100,000 to 1:300,000 began to spin cocoons earlier than the controls and reached the chrysalis and imago stages earlier. Certain of the treatments with colchicine and acenaphthene produced morphological anomalies and color changes.</p> <p>Lawrence P. Miller</p>																									
<p>ASACSLA METALLURGICAL LITERATURE CLASSIFICATION</p>																									
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